

# Jared L. Forsyth

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## Work Experience

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### Research Assistant, Applied Machine Learning lab

2010, 2012-2013, 2014-present

Brigham Young University, *Provo, UT*

- Applied machine learning techniques to classify time series data from embedded sensors
- Developed a rich interface to view statistical language model data (javascript, HTML, CSS)
- Created a website to navigate and display topic modeling data (django, python)
- Developed a sandbox game environment for students to learn statistical AI (python, pygame)

### Software Development Intern

2014

Khan Academy, *Mountain View, CA*

- Utilized BigQuery to statistically analyze multi-gigabyte datasets
- Extended an A/B testing framework to integrate with the in-house CMS
- Improved parent sign-ups by 20% by developing a new onboarding flow (Reactjs, appengine)

### Web Developer

2013

FamilySearch International, *Orem, UT*

- Maintained and implemented new features and designs for a complex web application (jquery, angular, nodejs, and mongodb)
- Designed and implemented a system for coordinating translation and internationalization across teams

### Lead Developer

2012-2013

TrackingFirst, *Orem, UT*

- Developed the front-end online application (javascript, html, css, backbone, zurb foundation)
- Managed and extended the backend (php, symfony, MongoDB)

### Software Engineer

2008-2010

Acquia, *Andover, MA*

- Rapidly prototyped the design team's ideas for an interactive web application using (javascript, CSS, HTML, jquery, and Adobe Illustrator)
- Tested and debugged cross-browser using firebug and selenium
- Managed and developed the backend (PHP, Drupal, MySQL)

## Education

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### Bachelor of Science, Computer Science

2014

Brigham Young University, *Provo, UT*

- Violist in Folk Ensemble, 2009-2010
- GPA: 3.9

## Online Presence

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Personal Website <http://jaredforsyth.com>

Github Repositories <https://github.com/jaredly>

Twitter <https://twitter.com/jaredforsyth>

Stackoverflow Profile <http://stackoverflow.com/users/290784/jared-forsyth>